

Unit 1: Organization Study Guide

1. Define anatomy:

2. Define physiology:

3. Fill in the blanks: _____ determines _____

4. Study the landmarks, directional terms, and movements. When you think you are proficient get checked off from Mr. Volk.

5. Which cut makes a superior and inferior portion?

6. Which cut makes a right and a left side?

7. Which cut makes a front and a back?

8. Determine the functions of the following:

a. Vacuole

b. cytoskeleton

c. lysosomes

d. golgi body

e. endoplasmic reticulum

f. ribosomes

g. mitochondria

h. cytoplasm

i. plasma membrane

j. chromosomes

k. chromatin

l. nucleus

9. Describe what is happening at each of the following stages:

a. interphase

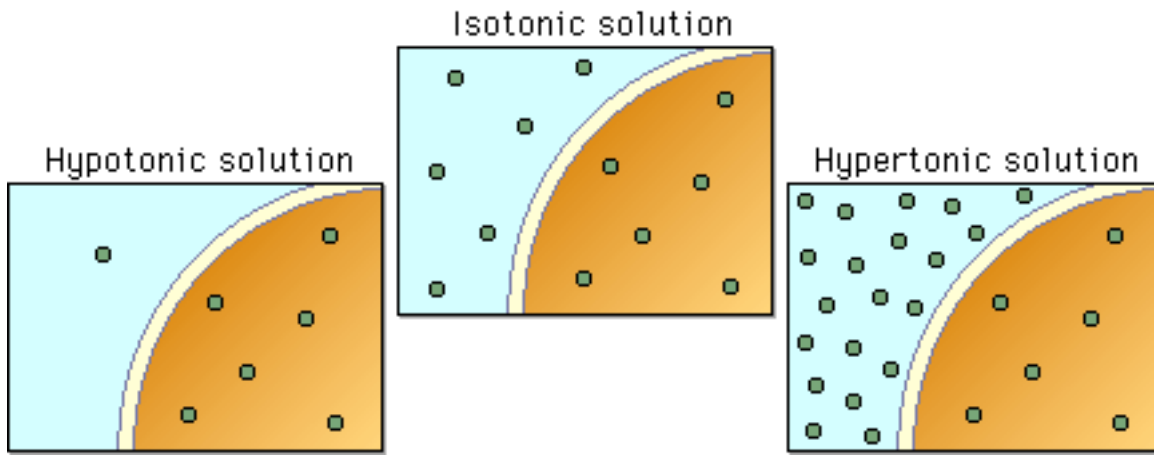
b. prophase

c. metaphase

d. anaphase

e. telophase

10. Determine which direction the water will travel for each solution:



11. Define cancer

12. Go to the microscopes and be able to identify various body tissues. Also, be able to provide at least one function of each tissue.